We Claim:

- 1. A foamed polymer fiber composite building material, comprising: about 35-75 wt.% polymeric resin; about 25-65 wt.% fiber, and a specific gravity of less than about 1.25 g/cc, said composite building material including at least 1% porosity by volume of solids resulting from the addition of a gaseous medium or blowing agent to a molten precursor of said composite building material.
- 2. The wood composite building material of claim 1 further comprising an additive for improving the melt strength of said molten precursor.
- 3. The composite building material of claim 2 wherein said additive comprises an acrylic modifier.
- 4. The composite building material of claim 1 wherein said fiber comprises cellulosic fiber.
- 5. The composite building material of claim 1 wherein said molten precursor comprises about 0.1 to 2 wt.% of a chemical blowing agent and about .1 15 wt.% of an acrylic modifier.
- 6. The composite building material of claim 1 further comprising about 5-40% porosity by volume of solids.

- 7. The composite building material of claim 6 wherein said building material has a specific gravity of about .5-1.2 g/cc.
- 8. The composite building material of claim 1 further comprising an additive for producing a weathered appearance to said building material, said additive selected from the group comprising: a dye, pigment, flyash or a mixture thereof.
- 9. The composite building material of claim 1 including a flexural modulus of about 100,000 to 450,000 psi
- 10. A foamed polymer wood composite, formed from a molten mixture comprising: about 35 75 wt.% polymeric PVC resin, about 25 65 wt.% wood fiber, and a blowing agent or gaseous medium, said molten mixture forming a polymer wood composite having a specific gravity of less than about 1.25 g/cc, and a flexural modulus of about 100,000 450,000 psi.
- 11. The composite of claim 10 further comprising an additive for improving the melt strength of said molten mixture during extrusion.
- 12. The composite of claim 10 wherein said blowing agent comprises about 0.1 2.0 wt.% of a chemical blowing agent.
- 13. The composite of claim 12 wherein said chemical blowing agent is mixed into said polymeric resin and wood fiber during compounding, or at about the feet throat of an extruder.

- 14. The composite of claim 10 whereby said blowing agent produces a plurality of pores or cells within said composite for permitting a screw to be fastened flush to a surface of said composite without predrilling.
- 15. A method of forming a foamed polymer-cellulosic composite building material, comprising:
- (a) compounding about 35 75 wt.% polymeric resin, about 25 65 wt.% cellulosic fiber, and about 0.1 to 2 wt.% of a blowing agent to form a compounded mixture;
- (b) feeding said compounded mixture into an extruder, whereby said blowing agent becomes decomposed, disbursing a gas into said compounded mixture as it melts; and
- (c) extruding said molten mixture containing said gas through a die whereby said gas forms tiny bubbles which are trapped within said polymer-cellulosic fiber composite.
- 16. The method of claim 15 wherein said compounded mixture further comprises a high molecular weight acrylic modifier for increasing melt elasticity and strength.
- 17. The method of claim 15 wherein said die comprises a generally board-shaped cross section.

- 18. A foamed polymer wood composite building material having a generally board-shaped cross-section, formed from a molten precursor comprising: about 45-60 wt.% of a polyvinyl-chloride resin, about 35-55 wt.% wood flour, about .1-15 wt.% acrylic modifier; and about .1-2.0 wt.% of a chemical blowing agent; said building material having a specific gravity of less than about 1.25 g/cc and permitting a screw to be fastened flush to a surface of said building material without predrilling; said building material also comprising a flexural modulus of about 100,000-450,000 psi.
- 19. The composite building material of claim 18 wherein said polyvinyl-chloride resin comprises a compounded resinous mixture.
- 20. The composite building material of claim 18 wherein said building material comprises a pigment for producing a weathered wood-gray appearance.